Bruhath Bangalore Mahanagara Palike

Negotiated Financial Bid Comparative Statement

Tender Notification No.RRND/EE/Tend/13/2019-20, Date: 21.01.2020

Indet No: BBMP/2019-20/RD/WORK_INDENT40177

Name of Work: Comprhensive Development of Roads & Drains in Muthyalanagara, LC-4A, Mohankumar Nagar, Sundara Nagar and Surrounding areas in W No.17 under PACKAGE- 2019-20 RRN-DIV-(09)

Sl No	Item Name	Unit	Estimate Quantity	As per Sanctioned Estimate Rate (PWD SR 2018-19 B'lore Circle.)		As per PWD SR 2018-19 and Issue Rate Dated: 04.01.2020		Rates quoted by R LOKESH (RAMAIAH LOKESH)		Negotiated rates quoted by R Lokesh (Ramaiah lokesh)	
				Estimate Rate	Total Amount in Rs	Estimate Rate	Total Amount in Rs	Rate	Total Amount in Rs	Rate	Total Amount in Rs
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)Complete as per the direction of Engineer in charge	Sqm	13265.3	111.3	1476425.66	111.3	1476425.66	120.0	1591833.6	112.00	1485711.36
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary	Cum	12286.1	235.76	2896580.37	235.76	2896580.37	254.0	3120679.56	238.00	2924101.32
3	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in	Sqm	302.11	4479.56	1353319.87	4479.56	1353319.87	4837.0	1461306.07	4524.00	1366745.64
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at	Cum	637.09	7070.2	4504353.72	7070.2	4504353.72	7635.0	4864182.15	7141.00	4549459.69
5	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in	tonne	40.46	72327	2926349.61	72327	2926349.61	78113.0	3160451.98	73050.00	2955603.00
6	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per	Sqm	10331.6	966.72	9987764.35	966.72	9987764.35	1044.0	10786190.4	976.00	10083641.60
7	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of	Sqm	31676.8	150.52	4767991.94	150.52	4767991.94	162.0	5131641.6	152.00	4814873.60
8	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size	Cum	1187.88	5599.98	6652104.24	5599.98	6652104.24	6207.0	7373171.16	5656.00	6718649.28

5	40.46	required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as	tonne	73050.00	Three Thousand

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9	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc.,	Sqm	7085.92	966.72	6850100.58	966.72	6850100.58	1044.0	7397700.48	976.00	6915857.92
10	Providing one line dressing to granite stone slab / granite stone masonry as per specifications. Complete as per the	Sqm	7086	950.82	6737510.52	950.82	6737510.52	1026.0	7270236	960.00	6802560.00
11	Providing chamfering edges to stone slab 2.5 cms. Wide as per specifications. (only chamfered length shall be	Sqm	33068	61.48	2033020.64	61.48	2033020.64	66.0	2182488	62.00	2050216.00
12	Providing and Fixing RCC Precast Cover Slab of 250 mm Thick for Drains in Cement Concrete M-20 using graded	Sqm	219.2	5418	1187625.60	5418	1187625.60	5851.0	1282539.2	5476.80	1200514.56
13	Removing and resetting of kerb stones.Complete as per the direction of Engineer in charge with all lead and lift	Sqm	14047.8	104.94	1474176.13	104.94	1474176.13	113.0	1587401.4	106.00	1489066.80
14	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4	nos	20700	467.46	9676422.00	467.46	9676422.00	504.0	10432800	460.00	9522000.00
15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete	Sqm	9345.2	84.8	792472.96	84.8	792472.96	91.0	850413.2	86.00	803687.20
16	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in	Cum	2316.14	84.42	195528.54	84.42	195528.54	91.0	210768.74	85.00	196871.90
17	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed	Cum	2216	1994.92	4420742.72	1994.92	4420742.72	2154.0	4773264	2000.00	4432000.00
18	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix	Cum	3397.56	2001.28	6799468.88	2001.28	6799468.88	2161.0	7342127.16	2000.00	6795120.00
19	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM	Sqm	14772	29.68	438433.26	28.62	422774.93	32.0	472704.32	30.00	443160.30
20	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and /	Sqm	56523.2	5.3	299573.17	5.3	299573.17	5.0	282616.2	5.00	282616.20
21	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg	Sqm	127818	12.72	1625851.19	12.72	1625851.19	13.0	1661640.37	13.00	1661640.37
22	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading,	Cum	3564.76	6858.2	24447837.03	6597.44	23518290.21	7406.0	26400612.56	7010.00	24988967.6

5	40.46	required, ... adjoining members wherever necessary comple... per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM

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23	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder	Cum	2851.81	7911.84	22563064.43	7590.66	21647120.09	8544.0	24365864.64	8010.00	22842998.10	
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous	Sqm	5321.62	454.74	2419953.48	454.74	2419953.48	491.0	2612915.42	463.00	2463910.06	
25	Road markers / Road stud Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect	nos	9460	357.22	3379301.20	357.22	3379301.20	385.0	3642100	361.00	3415060.00	
	Total Summary Amount				**129905972.09**		**128044822.61**		**140257648.21**		**131205032.00**	
	% when compared to PWD SR 2018-19 (Sanctioned Estimate Rates)								**7.97**		**1.00**	
	% when compared to PWD SR 2018-19 and Issue rates dated 04.01.2020								**9.54**		**2.47**	
	Remarks								L1 L2		L2 L1	

Executive Engineer
Rajarajeshwari nagar Division
BBMP

5	40.46	required, lying adjoining members wherever necessary complete per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM

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Indet No: BBMP/2019-20/RD/WORK_INDENT40177

Name of Work: Comprhensive Development of Roads & Drains in Muthyalanagara, LC-4A, Mohankumar Nagar, Sundara Nagar and Surrounding areas in W No.17 under PACKAGE- 2019-20 RRN-DIV-(09)

Sl No	Item Name	Unit	Estimate Quantity	As per Sanctioned Estimate Rate (PWD SR 2018-19 B'lore Circle.)		As per PWD SR 2018-19 and Issue Rate Dated: 04.01.2020		Rates quoted by R LOKESH (RAMAIAH LOKESH)		Negotiated rates quoted by R Lokesh (Ramaiah lokesh)	
				Estimate Rate	Total Amount in Rs	Estimate Rate	Total Amount in Rs	Rate	Total Amount in Rs	Rate	Total Amount in Rs
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)Complete as per the direction of Engineer in charge	Sqm	13265.3	111.3	1476425.66	111.3	1476425.66	120.0	1591833.6	116.00	1538772.48
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary	Cum	12286.1	235.76	2896580.37	235.76	2896580.37	254.0	3120679.56	240.00	2948673.60
3	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in	Sqm	302.11	4479.56	1353319.87	4479.56	1353319.87	4837.0	1461306.07	4600.00	1389706.00
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at	Cum	637.09	7070.2	4504353.72	7070.2	4504353.72	7635.0	4864182.15	7200.00	4587048.00
5	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in	tonne	40.46	72327	2926349.61	72327	2926349.61	78113.0	3160451.98	73000.00	2953580.00
6	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per	Sqm	10331.6	966.72	9987764.35	966.72	9987764.35	1044.0	10786190.4	1000.00	10331600.00
7	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of	Sqm	31676.8	150.52	4767991.94	150.52	4767991.94	162.0	5131641.6	150.00	4751520.00
8	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs. with 20mm and down size	Cum	1187.88	5599.98	6652104.24	5599.98	6652104.24	6207.0	7373171.16	5600.00	6652128.00

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9	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc.,	Sqm	7085.92	966.72	6850100.58	966.72	6850100.58	1044.0	7397700.48	1000.00	7085920.00
10	Providing one line dressing to granite stone slab / granite stone masonry as per specifications. Complete as per the	Sqm	7086	950.82	6737510.52	950.82	6737510.52	1026.0	7270236	1000.00	7086000.00
11	Providing chamfering edges to stone slab 2.5 cms. Wide as per specifications. (only chamfered length shall be	Sqm	33068	61.48	2033020.64	61.48	2033020.64	66.0	2182488	65.00	2149420.00
12	Providing and Fixing RCC Precast Cover Slab of 250 mm Thick for Drains in Cement Concrete M-20 using graded	Sqm	219.2	5418	1187625.60	5418	1187625.60	5851.0	1282539.2	5800.00	1271360.00
13	Removing and resetting of kerb stones.Complete as per the direction of Engineer in charge with all lead and lift	Sqm	14047.8	104.94	1474176.13	104.94	1474176.13	113.0	1587401.4	110.00	1545258.00
14	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4	nos	20700	467.46	9676422.00	467.46	9676422.00	504.0	10432800	480.00	9936000.00
15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete	Sqm	9345.2	84.8	792472.96	84.8	792472.96	91.0	850413.2	89.00	831722.80
16	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in	Cum	2316.14	84.42	195528.54	84.42	195528.54	91.0	210768.74	88.00	203820.32
17	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed	Cum	2216	1994.92	4420742.72	1994.92	4420742.72	2154.0	4773264	2100.00	4653600.00
18	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix	Cum	3397.56	2001.28	6799468.88	2001.28	6799468.88	2161.0	7342127.16	2101.00	7138273.56
19	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM	Sqm	14772	29.68	438433.26	28.62	422774.93	32.0	472704.32	31.00	457932.31
20	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and /	Sqm	56523.2	5.3	299573.17	5.3	299573.17	5.0	282616.2	5.00	282616.20
21	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg	Sqm	127818	12.72	1625851.19	12.72	1625851.19	13.0	1661640.37	13.00	1661640.37
22	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading,	Cum	3564.76	6858.2	24447837.03	6597.44	23518290.21	7406.0	26400612.56	7400.00	26379224.00

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23	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder	Cum	2851.81	7911.84	22563064.43	7590.66	21647120.09	8544.0	24365864.64	8540.00	24354457.40
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous	Sqm	5321.62	454.74	2419953.48	454.74	2419953.48	491.0	2612915.42	489.00	2602272.18
25	Road markers / Road stud Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect	nos	9460	357.22	3379301.20	357.22	3379301.20	385.0	3642100	380.00	3594800.00
.	**Total Summary Amount**	.			**129905972.09**	.	**128044822.61**		**140257648.21**	.	**136387345.22**
	% when compared to PWD SR 2018-19 (Sanctioned Estimate Rates)								**7.97**		**4.99**
	% when compared to PWD SR 2018-19 and Issue rates dated 04.01.2020								**9.54**		**6.52**
	Remarks								(L1) L2		(L2) L1

Executive Engineer
Rajarajeshwari nagar Division
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				Estimate Rate	Total Amount in Rs	Estimate Rate	Total Amount in Rs	Rate	Total Amount in Rs	Rate	Total Amount in Rs
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)Complete as per the direction of Engineer in charge	Sqm	13265.3	111.3	1476425.66	111.3	1476425.66	120.0	1591833.6	111.3	1476425.664
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3	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in	Sqm	302.11	4479.56	1353319.87	4479.56	1353319.87	4837.0	1461306.07	5000.0	1510550
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at	Cum	637.09	7070.2	4504353.72	7070.2	4504353.72	7635.0	4864182.15	7500.0	4778175
5	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in	tonne	40.46	72327	2926349.61	72327	2926349.61	78113.0	3160451.98	75000.0	3034500
6	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per	Sqm	10331.6	966.72	9987764.35	966.72	9987764.35	1044.0	10786190.4	1010.0	10434916
7	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of	Sqm	31676.8	150.52	4767991.94	150.52	4767991.94	162.0	5131641.6	200.0	6335360
8	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size	Cum	1187.88	5599.98	6652104.24	5599.98	6652104.24	6207.0	7373171.16	6200.0	7364856

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9	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc.,	Sqm	7085.92	966.72	6850100.58	966.72	6850100.58	1044.0	7397700.48	966.72	6850100.58
10	Providing one line dressing to granite stone slab / granite stone masonry as per specifications. Complete as per the	Sqm	7086	950.82	6737510.52	950.82	6737510.52	1026.0	7270236	950.82	6737610.52
11	Providing chamfering edges to stone slab 2.5 cms. Wide as per specifications. (only chamfered length shall be	Sqm	33068	61.48	2033020.64	61.48	2033020.64	66.0	2182488	61.48	2033020.64
12	Providing and Fixing RCC Precast Cover Slab of 250 mm Thick for Drains in Cement Concrete M-20 using graded	Sqm	219.2	5418	1187625.60	5418	1187625.60	5851.0	1282539.2	5418.0	1187626.6
13	Removing and resetting of kerb stones.Complete as per the direction of Engineer in charge with all lead and lift	Sqm	14047.8	104.94	1474176.13	104.94	1474176.13	113.0	1587401.4	104.94	1474176.132
14	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4	nos	20700	467.46	9676422.00	467.46	9676422.00	504.0	10432800	467.46	9676422
15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete	Sqm	9345.2	84.8	792472.96	84.8	792472.96	91.0	850413.2	84.8	792472.96
16	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in	Cum	2316.14	84.42	195528.54	84.42	195528.54	91.0	210768.74	84.42	195528.5388
17	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed	Cum	2216	1994.92	4420742.72	1994.92	4420742.72	2154.0	4773264	1994.92	4420742.72
18	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix	Cum	3397.56	2001.28	6799468.88	2001.28	6799468.88	2161.0	7342127.16	2001.28	6799468.877
19	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM	Sqm	14772	29.68	438433.26	28.62	422774.93	32.0	472704.32	29.68	438433.2568
20	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and /	Sqm	56523.2	5.3	299573.17	5.3	299573.17	5.0	282616.2	5.3	299573.172
21	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg	Sqm	127818	12.72	1625851.19	12.72	1625851.19	13.0	1661640.37	12.72	1625851.193

8 Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in For Coping , Including cost of all materials, labour, HOM complete as per specifications. SComplete as per the direction of Engineer in charge with all lead and lift — 8 Cum 5599.98 1187.88 6200.0

9

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22	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading,	Cum	3564.76	6858.2	24447837.03	6597.44	23518290.21	7406.0	26400612.56	8600.0	30656936
23	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder	Cum	2851.81	7911.84	22563064.43	7590.66	21647120.09	8544.0	24365864.64	9600.0	27377376
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous	Sqm	5321.62	454.74	2419953.48	454.74	2419953.48	491.0	2612915.42	454.74	2419953.479
25	Road markers / Road stud Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect	nos	9460	357.22	3379301.20	357.22	3379301.20	385.0	3642100	357.22	3379301.2
	Total Summary Amount										**144195855.90**
	% when compared to PWD SR 2018-19 (Sanctioned Estimate Rates)				**129905972.09**		**128044822.61**		**140257648.21**		
	% when compared to PWD SR 2018-19 and Issue rates dated 04.01.2020							**7.97**		**11.00**	
	Remarks							**9.54**		**12.61**	
								L1		**L2**	

Executive Engineer
Rajarajeshwari nagar Division
BBMP

8 **Providing and laying in position plain cement** with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in For Coping , Including cost of all materials, labour, HOM curing omplete as per specifications. SComplete as per the direction of Engineer in charge with all lead and lift

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